

### Amendments to the Claims

Cancel claims 1-4, 6, 7, 10-14, 16, 17, 20-25, 28 & 31-34 without prejudice. All pending claims are reproduced below.

1-7. (Canceled)

8. (Previously Presented) A method of managing logical processors of a computing environment, said method comprising:

configuring a logical partition of said computing environment with one or more logical processors;

determining that said configuration is to be adjusted, said determining comprising using a predefined equation in making the determination, the predefined equation comprising:

$$L = \text{floor}[\max(W, U) * P + 1.5], \text{ wherein}$$

L = number of logical processors configured to said logical partition;

W = percentage of central processor capacity assigned to said logical partition;

U = percentage of central processor capacity currently being utilized by said logical partition; and

P = number of physical processors that can be allocated on the central processor associated with said logical partition; and  
dynamically adjusting the configuration.

9. (Original) The method of claim 8, wherein said equation is subject to a maximum of  $L=P$ .

10-17. (Canceled).

18. (Previously Presented) A system of managing logical processors of a computing environment, said system comprising:

means for configuring a logical partition of said computing environment with one or more logical processors;

means for determining that said configuration is to be adjusted, said means for determining comprising means for using a predefined equation in making the determination, the predefined equation comprising:

$$L = \text{floor}[\max(W,U)*P+1.5], \text{ wherein}$$

L = number of logical processors configured to said logical partition;

W = percentage of central processor capacity assigned to said logical partition;

U = percentage of central processor capacity currently being utilized by said logical partition; and

P = number of physical processors that can be allocated on the central processor associated with said logical partition; and

means for dynamically adjusting the configuration.

19. (Original) The system of claim 18, wherein said equation is subject to a maximum of  $L=P$ .

20-28. (Canceled).

29. (Previously Presented) At least one program storage device readable by a machine, tangibly embodying at least one program of instructions executable by the machine to perform a method of managing logical processors of a computing environment, said method comprising:

configuring a logical partition of said computing environment with one or more logical processors;

determining that said configuration is to be adjusted, said determining comprising using a predefined equation in making the determination, the predefined equation comprising:

$$L = \text{floor}[\max(W,U)*P+1.5], \text{ wherein}$$

L = number of logical processors configured to said logical partition;

W = percentage of central processor capacity assigned to said logical partition;

U = percentage of central processor capacity currently being utilized by said logical partition; and

P = number of physical processors that can be allocated on the central processor associated with said logical partition; and

dynamically adjusting the configuration.

30. (Original) The at least one program storage device of claim 29, wherein said equation is subject to a maximum of  $L=P$ .

31-34. (Canceled).

\* \* \* \* \*